

Inhibitors of Spermidine Synthase for the Treatment of Osteoarthritis and Cartilage Rehabilitation

Abstract of the Disclosure

This invention provides a method for the treatment of a subject in need of treatment for osteoarthritis comprising administering to said subject an amount of an inhibitor of spermidine biosynthesis sufficient to effect a substantial inhibition of spermidine biosynthesis. This invention also provides the use of an inhibitor of spermidine biosynthesis in the treatment of a subject in need of treatment for osteoarthritis in an amount sufficient to effect a substantial inhibition of spermidine biosynthesis. This invention further provides a method of preparing a therapeutic composition for the treatment of a subject in need of a treatment for osteoarthritis and the invention further provides a method for identifying an inhibitor of spermidine biosynthesis, whereby the inhibitor is a spermidine synthase inhibitor.